MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE
COURSE OUTLINE

Faculty is required to have the outline submitted to the Academic Affairs Office. The course outline is the
form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT: EMS                         COURSE NUMBER: EMS 1102
NUMBER OF CREDITS: 4.5 Credits (2.5 lect/pres, 2 lab, 0 other)

COURSE TITLE: EMT Completion/Bridge Course

CATALOG DESCRIPTION: Prepares students with the foundation of emergency care and transportation of
patients who activate the emergency medical system.

This course provides an introduction into necessary didactic and cognitive skills to provide basic life support
care as an EMT. The EMT completion/bridge meets the requirements outlined by the educational standards
of the Minnesota EMS Regulatory Board and the National Registry of Emergency Medical Technicians for
direct employment as an Emergency Medical Technician with a basic transport service, emergency room and
emergency services within law enforcement or fire departments.

AUDIENCE: Certified EMRs interested in being certified as an EMT, Healthcare providers interested in
additional certification as an EMT, Students interested in being certified as an EMT or looking for technical
electives in the healthcare field.

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)
 Area: by meeting the following competencies:
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PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: Students must have one of the
following prerequisites for the EMT completion course.

*Successful completion with “C” or better EMS 1101 - Introduction to Emergency Medical Technician no
longer than two years prior to enrolling in the completion.

*Currently certified as an Emergency Medical Responder

*Healthcare professionals successfully completing with “C” or better and showing competency in
courses/skills in Medical/Legal and Ethical Issues, Medical Terminology, Anatomy and Physiology, Airway
Management/Oxygen Therapy, Patient Assessment and Vital Signs.

As well as have a current AHA BLS Healthcare provider CPR card meeting the current AHA standards.

LENGTH OF COURSE: Approximately 115 hours

THIS COURSE IS USUALLY OFFERED:
Every other year ☐  fall ☑  spring ☑  summer ☐  undetermined ☐
Four goals are emphasized in course at Minnesota West Community & Technical College:

1) ACADEMIC CONTENT: The academic objectives of this course are as follows:
   a. The focus of this course is to provide lectures outside study and other assignments, classroom demonstrations and practical scenario exercises.
   b. Demonstrate the proper use of emergency equipment, assessment, and care of trauma and medical emergencies relative to the EMT.

2) THINKING SKILLS: This course will help students improve the effectiveness of their thinking skills through:
   a. The student will be able to demonstrate problem solving skills using patient assessment scenarios, and the virtual patient encounter exercises to evaluate and determine and deliver best patient care.

3) COMMUNICATIONS SKILLS: This course will help students improve their oral and written communication skills through:
   a. The student will be expected to communicate verbally and in writing (documentation on run sheets) regarding the patient assessment and ongoing needs
   b. Each student will interact with discussion forums to enforce knowledge and application of the course material assigned,

4) HUMAN DIVERSITY: This course will help students recognize, understand, and appreciate human diversity through:
   a. Understanding the roles of the EMT and their obligations to promote selfless assistance to their patients in their time of need.
   b. Disregarding the personal thoughts and beliefs of the patient and their life styles and situations.

TOPICS TO BE COVERED:
Modules presented in the EMT Completion/Bridge: (1) Patient Assessment (Reassessment, Critical Thinking and Decision Making, Communication/Documentation) (2) Medical Emergencies and Behavioral Emergencies (3) Traumatic Emergencies (4) Special Populations (5) EMS Operations. Including comprehension, application and psychomotor skills outlined by the current educational standards.

Additional Expected Course Requirements:
Students must maintain 90% attendance of skills sessions and successful completion of all EMS and Healthcare courses with a grade of "C" or higher per EMSRB and NREMT guidelines.

The student will need to successfully complete the current AHA Healthcare Provider CPR course at the beginning of the Introduction to EMT or show they have a current AHA Healthcare Provider CPR card.

The student will need a passing score of 75% on the EMT Readiness Exam, successfully pass the NREMT psychomotor skills exam, pass the NREMT certification exam and have cleared state and NREMT background check to obtain certification for a two year period.

For EMT course completion all students will need to obtain 10 clinical observations at an approved clinical location and complete the FEMA Independent Study courses: IS-700.a and IS-100.b
LIST OF EXPECTED COURSE OUTCOMES:

• Define key terms used in the Emergency Medical Services and demonstrate the importance of proper use of medical terminology and EMS acronyms.
• Demonstrate critical thinking and decision making skills when providing emergency care in the prehospital setting.
• Demonstrate thorough primary, secondary, rapid and ongoing assessments for signs and symptoms of a medical and trauma patient in the emergency setting.
• Illustrate effective communication and documentation in patient care reports, additional EMS systems and transporting care to appropriate healthcare providers.
• Applies the fundamental knowledge of the medications that the EMT may assist with or administer to a patient during an emergency in the prehospital setting.
• Applies the fundamental knowledge to provide emergency basic care and transportation based on the assessment findings of the chronically or acutely ill patient.
• Differentiates between adequate and inadequate breathing and applies the appropriate airway management during respiratory emergencies in the prehospital setting.
• Identify signs and symptoms for acute and chronic cardiac emergencies and demonstrates the appropriate treatment for these emergencies in the prehospital setting.
• Identify signs and symptoms for diabetic emergencies and altered mental status and demonstrates the appropriate treatment for these emergencies in the prehospital setting.
• Identify signs and symptoms for allergic reactions, behavioral and psychiatric emergencies and demonstrates the appropriate treatment for these emergencies in the prehospital setting.
• Recognizes the signs and symptoms for poisoning and overdose emergencies and demonstrates the appropriate treatment for these emergencies in the prehospital setting.
• Recognizes the signs and symptoms for stroke and cardiac emergencies and demonstrates the appropriate treatment for these emergencies in the prehospital setting.
• Recognizes the signs and symptoms for hematologic and renal emergencies and demonstrates the appropriate treatment for these emergencies in the prehospital setting.
• Applies fundamental knowledge of causes pathophysiology and management of shock respiratory failure or arrest, cardiac failure or arrest and post resuscitation management.
• Applies fundamental knowledge to provide emergency care and transportation based on assessment findings for an acutely injured patient.
• Differentiates the various musculoskeletal injuries and illustrates appropriate patient care in the prehospital setting.
• Recognizes signs and symptoms of internal and external bleeding and shock.
• Demonstrates appropriate treatment of internal and external bleeding and shock in the prehospital setting.
• Identify various soft tissue traumatic injuries.
• Demonstrates appropriate treatment of soft tissue traumatic injuries in the prehospital setting.
• Identify abdominal injuries.
• Demonstrates appropriate treatment of abdominal injuries in the prehospital setting.
• Recognize environmental emergencies.
• Demonstrates appropriate treatment of environmental emergencies in the prehospital setting.
• Applies fundamental knowledge to provide basic emergency care and transportation during prehospital childbirth emergencies
• Apply fundamental knowledge of pediatric emergencies.
• Apply fundamental knowledge of geriatric emergencies and patients with special considerations.
• Apply fundamental knowledge of EMS Operations, highway safety, patient extrication, hazardous materials, multiple-casualty incidents, incident management and EMS response to terrorism.
LEARNING/TEACHING TECHNIQUES used in the course are:

- Collaborative Learning
- Problem Solving
- Student Presentations
- Interactive Lectures
- Creative Projects
- Individual Coaching
- Lecture
- Films/Videos/Slides
- Demonstrations
- Other (describe below)
- Lab
  - Online interactive activities and virtual patient care projects

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:

- Reading
- Tests
- Oral Presentations
- Individual Projects
- Textbook Problems
- Worksheets
- Collaborative Projects
- Group Problems
- Papers
- Individual Projects
- Other (describe below)
- Term Paper

EXPECTED STUDENT LEARNING OUTCOMES: Students will master the fundamentals of Emergency Medical Technician, completed the certification requirements for American Heart Association BLS CPR at the healthcare provider level and will have met the expectations of the Minnesota EMS Regulatory Board and the National Registry for EMTs.

All information is subject to revision

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.

This document is available in alternative formats to individuals with disabilities by contacting the Student Services Advisor or by calling 800-658-2330 or via your preferred Telecommunications Relay Service.

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